

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for determining if a plurality of actions are available to be performed in connection with a context entity, the context entity being derived from a plurality of related service entities at a plurality of application services, the method comprising:

 classifying actions for a plurality of service entities at the plurality of application services, each action being classified according to its availability;

 matching the related service entities based on their attributes;

 consolidating the related service entities into the context entity; **and**

 determining for each of the related service entities if an action is available to be performed on the service entity at a corresponding application service based on a corresponding classification of the availability of the action; **and**

storing an indication of a result of the step of determining.

2. (Original) The method of claim 1, wherein classifying the actions comprises classifying the actions as optimistically available.

3. (Original) The method of claim 2, wherein classifying the actions as optimistically available comprises classifying the actions as available subject to a rule.

4. (Original) The method of claim 1, wherein the classifying the actions comprises classifying the actions as available according to a rule.

5. (Original) The method of claim 1, wherein classifying the actions as available according to a rule comprises classifying the actions as being available only if the rule is complied with.

6. (Original) The method of claim 1, wherein the classifying the actions comprises classifying the actions as universally available.

7. (Original) The method of claim 1, wherein determining for each of the related service entities if an action is available on the service entity comprises determining if performance of the action will result in a conflict.

8. (Original) The method of claim 1, further comprising matching an application entity to the context entity.

9. (Original) The method of claim 8, further comprising providing a view at an application of the actions available to be performed on each of the related service entities at the application services.

10. (Currently Amended) A method for providing to an application an action available to be performed on a first service entity at a first application service, the method comprising:

matching an application entity to an associated context entity based on attributes of the application entity and attributes of the context entity, the context entity derived from the first service entity;

identifying that the associated context entity is derived from the first service entity;

determining if an action is available to be performed on the first service entity at the first application service based on a classification of the action according to its availability; and

~~if the action is available, then providing the action to the application~~
storing an indication of a result of the step of determining.

11. (Original) The method of claim 10, comprising identifying that the associated context entity is derived from the first service entity and a second service entity at a second application service, the first service entity being related to the second service entity.

12. (Original) The method of claim 10, comprising determining if the action is available to be performed on the first service entity at the first application service based on a classification that the action is optimistically available.

13. (Original) The method of claim 12, comprising determining if the action is available to be performed on the first service entity at the first application service based on a classification that the action is available subject to a rule.

14. (Original) The method of claim 10, comprising determining if the action is available to be performed on the first service entity at the first application service based on a classification that the action is available according to a rule.

15. (Original) The method of claim 14, comprising determining if the action is available to be performed on the first service entity at the first application service based on a classification that the action is available only if the rule is complied with.

16. (Original) The method of claim 10, comprising determining if the action is available to be performed on the first service entity at the first application service on a classification that the action is universally available.

17. (Original) The method of claim 10, wherein determining if the action is available to be performed on the first service entity comprises determining if performance of the action on the first service entity will result in a conflict .

18. (Original) The method of claim 10, further comprising generating a view of the action at the application.

19. (Currently Amended) A system for determining if a first action and a second action are available to be performed in connection with a computer-implemented context entity, the computer-implemented context entity derived from a first service entity at a first

application service and a second service entity at a second application service, the first service entity being related to the second service entity, the system comprising:

the first application service, said first application service classifying the first action and providing the classification of the first action to an action service, the first action classified according to its availability to be performed on the first service entity at the first application service;

the second application service, said second application service classifying the second action and providing the classification of the second action to an action service, the second action classified according to its availability to be performed on the second service entity at the second application service;

the action service, said action service determining if the first action and the second action are available based on the classification of the first action the classification of the second action; and

the context service, said context service matching the first and the second service entities based on their attributes, consolidating the first and the second service entities into the computer-implemented context entity, and querying the action service to determine if the first action is available and if the second action is available.

20. (Original) The system of claim 19, wherein said action service comprises a conflict protection mechanism to determine if performance of the first and the second action will result in a conflict.

21. (Original) The system of claim 19, wherein said action service comprises a tracking mechanism to track performance of the first and the second actions.

22. (Original) The system of claim 19, further comprising an application, said application managing an application entity that is matched to the context entity.

23. (Original) The system of claim 22, wherein said application comprises a state and relationship view mechanism for displaying a view of the first and the second actions.